

Message Text

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TO USMISSION IAEA VIENNA PRIORITY

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E.O. 11652: N/A

TAGS: TECH, IAEA

SUBJECT: IAEA NUCLEAR SAFETY PROGRAM

REF: IAEA VIENNA A-132

1. U.S. HAS SEVERAL CHANGES TO RECOMMEND ON DRAFT SAFETY CODE ON NUCLEAR POWER PLANT SITING AS DETAILED IN PARA 2. U.S. HAS NO CHANGES ON DRAFT SAFETY CODE ON OPERATION. NRC HAS PREPARED EVALUATIONS OF BOTH DRAFTS INCLUDING REASONS FOR CHANGES TO SITING CODE. THESE ARE BEING SENT TO MISSION BY AIRMAIL.

2. IN DRAFT SITING CODE, U.S. RECOMMENDS:

(A) IN SECTION 1.2.9, REMOVE ASTERISK ON "SAFETY" AND REWRITE DEFINITION TO INCLUDE FOLLOWING: "PROTECTION OF ALL PERSONS (GENERAL PUBLIC AND PERSONS ONSITE) FROM UNDUE RADIOLOGICAL HAZARD BY CONSIDERING ALL STEPS WHICH CAN BE REASONABLY TAKEN BY PROVIDING HIGH STANDARDS IN THE DESIGN, CONSTRUCTION, AND OPERATION, TO ENSURE THAT ANY RADIOLOGICAL

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HAZARD, WHICH MAY BE ASSOCIATED WITH THE PLANT CAN BE

MINIMIZED."

(B) IN SECTION 2.1.3, REWRITE LAST SECTION TO READ: "THE BASIS FOR WITH EACH PHENOMENON IN COMPARISON WITH THE TOTAL RISK OF RADIOLOGICAL CONSEQUENCES TO PEOPLE IN THE REGION OF THE NUCLEAR POWER PLANT."

(C) IN SECTION 2.1.6, REPLACE PHRASE "ACCEPTED BY" WITH "REVIEWED AND DETERMINED BY."

(D) IN SECTION 2.2.5, DELETE "AND TO CERTAIN CHARACTERISTICS OF THAT NATURAL EVENT DESIGN BASIS."

(E) FOR SECTION 2.5, CHANGE TITLE TO "CRITERIA FOR DEFINING POTENTIAL RADIOLOGICAL RISKS."

(F) IN SECTION 2.5.1, REWRITE TO READ "THE PROPOSED REGION SHOULD BE STUDIED OF THE POPULATION. SUCH A STUDY SHOULD INCLUDE WITHIN THE REGION AND SHOULD TAKE INTO ACCOUNT RELEASES."

(G) FOR SECTION 3.1, CHANGE TITLE TO: "FLOODS DUE TO METEOROLOGICAL PHENOMENA."

(H) IN SECTION 3.4.1, REPLACE "NO REASONABLE EVIDENCE" WITH "INADEQUATE EVIDENCE."

(I) TO SECTION 3.4.3, ADD A SUBSECTION D TO READ: "D. THE EMPLOYMENT OF SUBSURFACE METHODS FOR EXPLORING EVIDENCE OF SURFACE FAULTING AND FOR CHARACTERIZING THE ZONE OF FAULTING."

(J) IN SECTION 3.4.4, REPLACE "TECHNICALLY PRACTICAL" WITH "TECHNICALLY AND ECONOMICALLY PRACTICAL."

(K) BETWEEN SECTIONS 3.9 AND 3.10, ADD A SECTION DISCUSSING TROPICAL STORMS AS A GENERAL CLASS OF EXTERNAL EVENTS TO BE CONSIDERED IN ESTABLISHING PLANT DESIGN BASES, WITH REFERENCE TO TYPHOONS, HURRICANES, TORNADOES AND ASSOCIATED MISSILES AS SPECIFIC EXAMPLES.

(L) IN SECTION 3.10.1, DELETE TOPIC ON TROPICAL STORMS WHEN THE ABOVE NEW SECTION IS ADDED.

(M) IN SECTION 3.14, CHANGE TO READ: "THE REGION WHICH, IF RELEASED, COULD ADVERSELY AFFECT THE SAFETY OF THE PLANT OR THE PERSONNEL IN THE PLANT CONTROL ROOM. PLANT-RELATED FACILITIES SHOULD BE EXAMINED FOR AREAS THAT STORE AND OTHERWISE HANDLE TOXIC OR CORROSIVE MATERIALS WHICH, IF RELEASED, COULD ADVERSELY AFFECT THE SAFETY OF THE PLANT, THE GENERAL PUBLIC OR PERSONS ONSITE AND FOR STRUCTURES WHICH, IF FAILURE OCCURRED, COULD AFFECT THE UNCLASSIFIED

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SAFETY OF THE GENERAL PUBLIC. IF THE EFFECTS WOULD, THE SITE SHOULD BE DEEMED UNSUITABLE."

(N) IN SECTION 4.4.1, THE PHRASE "IN THE DIRECTION OF THE PREVAILING WINDS" SHOULD BE DELETED IN THE LAST SENTENCE AND REPLACED WITH "IN THE REGION." KISSINGER

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